



1114 Finch Drive ♦ Nampa, Idaho 83651 ♦ 208-467-2253 ♦ Fax 208-467-2270 ♦ Email SBI.Shot@Yahoo.com

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WSDOT Engineering Geologist
Douglas A. Anderson, L.E.G.
PO Box 47365
Olympia, WA 98504

RE: IDR for 2011 0005 & 0006; May 26, 2011

After talking to Doug Anderson and reviewing post blast reports 0005 & 0006, I contacted the people from NES who have been trying to help WSD&B set up their bulk truck. According to NES the bulk truck has several issues that could effect loading operations.

First the bulk truck was built as a heavy Anfo truck used for loading large diameter holes (6 1/2" to 8" holes). All of the mixing components were designed for high delivery rates. This makes it difficult to calibrate the mixing and delivery system for small diameter holes.

It will take constant attention to make sure the AN volume is in spec.

Secondly the truck arrived at Hyak without an auxiliary hydraulic system, preventing the loading of AN and emulsion onto the truck at the magazine site until a wet kit was installed.

Third, an emulsion density test kit did not arrive with the truck. This is very important for verifying AN/ emulsion mix percentages to eliminate critical diameter dead press.

Jerry Dilley